

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-14. (Canceled)

15. (Currently amended) A method to determine the breast cancer stage of a ductal lavage or fine needle aspiration sample from a subject comprising assaying said sample for expression of ~~one or more genes~~ 5 or more of the genes in any one of Tables 2-5, which genes are correlated with one or more stages of breast cancer, and determining the breast cancer stage of said sample based on the level of expression of said genes.

16. (Previously presented) The method of claim 15 wherein said assaying comprises preparing mRNA from said sample.

17. (Previously presented) The method of claim 15 wherein said mRNA is amplified.

18. (Currently amended) The method of claim 15 wherein said assaying comprises using detecting expression by use of an array.

19. (Currently amended) The method of claim 15 wherein said assaying comprises using the array of claim 1 detecting expression by use of a microarray comprising polynucleotides which hybridize to said genes.

20. (Original) The method of claim 15 wherein said A method to determine the breast cancer stage of a ductal lavage or fine needle aspiration sample from a subject comprising

assaying said sample for expression of one or more genes are correlated with ADH, DCIS, and/or IDC, and

determining the breast cancer stage of said sample based on the level of expression of said one or more gene.

21. (Currently amended) The method of claim 15 wherein said one or more genes are correlated with normal and or abnormal cells.

22-29. (Canceled)

30. (Currently amended) The method of claim 19 wherein said array comprises polynucleotides which hybridize to more than 5 of the genes in any one of Tables 2-5.

31. (Previously presented) The method of claim 15 wherein said subject is human.

32. (Previously presented) The method of claim 15 wherein said subject is afflicted with, or suspected of having, breast cancer.

33. (New) The method of claim 19 wherein said array comprises polynucleotides which hybridize to more than five of the genes in Table 2.

34. (New) The method of claim 19 wherein said array comprises polynucleotides which hybridize to more than five of the genes in Table 3.

35. (New) The method of claim 19 wherein said array comprises polynucleotides which hybridize to more than five of the genes in Table 4.

36. (New) The method of claim 19 wherein said array comprises polynucleotides which hybridize to more than five of the genes in Table 5.

37. (New) The method of claim 15 wherein said sample is a microdissected sample.

38. (New) The method of claim 37 wherein said sample is microdissected via laser capture microdissection.

39. (New) The method of claim 20 wherein said one or more genes are correlated with ADH.

40. (New) The method of claim 20 wherein said one or more genes are correlated with DCIS.

41. (New) The method of claim 20 wherein said one or more genes are correlated with IDC.

42. (New) The method of claim 40 wherein said assaying comprises detecting expression by use of an array comprising polynucleotides which hybridize to more than one of the genes in Table 7.

43. (New) The method of claim 41 wherein said assaying comprises detecting expression by use of an array comprising polynucleotides which hybridize to more than one of the genes in Table 8.

44. (New) The method of claim 20 wherein said assaying comprises preparing mRNA from said sample.

45. (New) The method of claim 20 wherein said mRNA is amplified.

46. (New) The method of claim 20 wherein said assaying comprises detecting expression by use of an array.

47. (New) The method of claim 20 wherein said subject is human.

48. (New) The method of claim 20 wherein said subject is afflicted with, or suspected of having, breast cancer.